

## **I. Remarks**

A) Claims 12-31 are currently pending. Claims 1-11 have been canceled with this response. Claims 12-31 have been added with this response. Support for new claims 12-31 is found throughout the instant specification, the originally filed claims, and at page 9, lines 13-15. Accordingly, the new claims do not add new matter. Their entry is respectfully requested.

B) A replacement figure has been submitted via a Replacement Sheet with this response. Figure 8 has been replaced in order to insert an embedded sequence identifier for the sequence disclosed in Figure 8. Accordingly, the replacement Figure 8 does not add new matter. Its entry is respectfully requested.

## **II. Claim rejections under 35 U.S.C. § 101**

Claims 1-11 were rejected under 35 U.S.C. § 101 as claiming the same invention as that of claims 1-11, respectively, of U.S. Patent No. 6,667,174. Applicant respectfully traverses. Claims 1-11 have been canceled with this response, which renders this rejection moot. Accordingly, Applicant respectfully requests withdrawal of the rejection.